

Custodial, Labor and Trades Branch
Maintenance and Plant Operation Group
Sewage Plant Series

SEWAGE PLANT OPERATOR III

06/86

CHARACTERISTICS OF THE CLASS:

Under general supervision, on assigned shift, supervises and coordinates the activities of crews engaged in the operation of a sewage treatment plant; performs related duties as required.

EXAMPLES OF DUTIES:

Monitors and controls the flow of wastewater through various stages of treatment; analyzes laboratory and field tests and makes adjustments as required; maintains water-well and sludge pond levels within prescribed limits; assures proper operation of bar-screens; inspects and adjusts digester levels and temperature, feed rate and gas quality and production; monitors laboratory tests of effluent prior to injection or release; identifies variations in processing and operations and recommends corrective actions; interprets meter and gauge readings to determine load requirements; supervises personnel engaged in operating and maintaining oxygen generation, activated sludge, carbon regeneration and other related equipment.

Performs plant inspections to identify equipment and treatment deficiencies; coordinates plant equipment preventive maintenance programs; checks sewage plant for noxious odors; assures samples are taken and tested in accordance with federal and state regulations; coordinates major mechanical maintenance in conjunction with mechanical crews; prepares and maintains daily and monthly equipment and process logs, power records, chemical and gas consumption and other related records and reports; maintains inventory and requisitions supplies and equipment; supervises building and grounds maintenance.

Plans, assigns, supervises, reviews and evaluates the work of assigned personnel; trains and develops subordinate personnel; enforces personnel rules and regulations, standards of conduct and work attendance; compiles with and enforces safe working practices and procedures.

MINIMUM QUALIFICATIONS:

Training and Experience: Graduation from high school or G.E.D. and four years experience in sewage treatment plant operations, including two years as a Sewage Plant Operator II; or an equivalent combination of training and experience.

Knowledge, Abilities and Skills: Considerable knowledge of the operation, maintenance and equipment used in a sewage treatment plant; considerable knowledge of safe working practices and procedures; considerable knowledge of the use and care of common hand tools; good knowledge of chemistry as it pertains to waste treatment; some knowledge of local, state and federal rules and regulations governing sewage plant processes and effluent quality.

Ability to plan, assign, supervise, train, review and evaluate the work of assigned personnel; ability to enforce personnel rules and regulations, standards of conduct and work attendance; ability to express oneself clearly and concisely, both orally and in writing; ability to make arithmetic calculations; ability to read and analyze data from dials, gauges and other measuring instruments; ability to establish and maintain effective working relationships with fellow employees and the general public; ability to maintain logs and records and prepare reports.

Skill in the use and care of common hand tools; skill in the operation of a motor vehicle.

Physical Requirements: Lift and carry heavy objects (50 to 75 pounds); exposure to unpleasant odors and working conditions; mobility within a sewage treatment plant environment; climb ladders to access equipment; exposure to all weather conditions; performs shift work; operate a motor vehicle through City traffic.

License and Certificates: Texas Class "C" Driver's License; Texas "C" Sewer Certificate of Competency.

Director of Personnel

Department Head